

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|---|----------------------------------|--------------|------------------------|------------|---|
| LM Start | | Rating ** | A | Issue No. | 6 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD2064_01_f_2014_6 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| District 2064 has the O&M Manual on hand. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------|--------------|------------------------|------------|---|
| LM Start | | Rating ** | A | Issue No. | 7 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD2064_01_f_2014_7 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| District has an adequate supply of flood fight materials in storage. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|------------------------|------------|---|
| LM Start | | Rating ** | A | Issue No. | 8 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD2064_01_f_2014_8 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| District 2064 has been trained for flood fighting. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

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| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.06 | Rating ** | A/W | Issue No. | 36 |
| LM End | 0.06 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.709804 ° | 37.709804 ° |
| | | | | -121.267559 ° | -121.267559 ° |
| DWR ID | 20511 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:43603 DS_ID:20511 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Debri removed from flap gate on waterside tow FIELD_STRUCT_DESC: 36-inch by 36-inch reinforced concrete box drainage culvert through the levee, 21 feet below the crown. Concrete U- shaped headwalls on both ends. Slide gate in a 6-foot by 7-foot concrete riser on the waterside (WS) slope. Flap gate on the WS end. Flashboard slots on the landside (LS) headwall. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.07)]. FS Date: 3/2/2015 | | | | | |

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 0.06 | Rating ** | A/W | Issue No. | 36 (cont) |
| LM End | 0.06 | Issue Type + | Ma | Location * | |

Photo 1 of 3 : UCIP_SP_2019_43603_31258.jpg



Slide gate in concrete riser on WS shoulder.

Photo 2 of 3 : UCIP_SP_2019_43603_31257.jpg



Flap gate and U shaped headwall on WS toe. Debris blocking closure of gate.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | | |
|---|-----------------------------|--------------|-----|------------------------|---------------|--|
| LM Start | 0.06 | Rating ** | A/W | Issue No. | 36 (cont) | |
| LM End | 0.06 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.709804 ° | 37.709804 ° | |
| | | | | -121.267559 ° | -121.267559 ° | |
| DWR ID | 20511 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:43603 DS_ID:20511 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Debris removed from flap gate on waterside tow FIELD_STRUCT_DESC: 36-inch by 36-inch reinforced concrete box drainage culvert through the levee, 21 feet below the crown. Concrete U- shaped headwalls on both ends. Slide gate in a 6-foot by 7-foot concrete riser on the waterside (WS) slope. Flap gate on the WS end. Flashboard slots on the landside (LS) headwall. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.07)]. FS Date: 3/2/2015 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_43603_31256.jpg



Concrete headwall at inlet on LS toe.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.17 | Rating ** | A | Issue No. | 28 |
| LM End | 5.53 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.708167 ° | 37.667557 ° |
| | | | | -121.267857 ° | -121.241100 ° |
| DWR ID | DWR_RD2064_01_s_2019_28 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_313_28_20190514_00054.jpg



Typical view of vegetation on landside slope. (Spring 2019)

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.17 | Rating ** | A | Issue No. | 35 |
| LM End | 5.53 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.708167 ° | 37.667557 ° |
| | | | | -121.267857 ° | -121.241100 ° |
| DWR ID | DWR_RD2064_01_s_2019_35 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_313_35_20190514_00055.jpg



Typical view of vegetation on waterside slope. (Spring 2019)

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.26 | Rating ** | A/W | Issue No. | 23 |
| LM End | 0.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.707221 ° | 37.707221 ° |
| | | | | -121.268830 ° | -121.268830 ° |
| DWR ID | DWR_RD2064_01_f_2018_23 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Monitor rodent activity, as recent rains may have masked the issue. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.46 | Rating ** | A/W | Issue No. | 25 |
| LM End | 0.46 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.705240 ° | 37.705240 ° |
| | | | | -121.271294 ° | -121.271294 ° |
| DWR ID | DWR_RD2064_01_f_2018_25 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Monitor rodent activity, as recent rains may have masked the issue. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

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| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|---------------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.83 | Rating ** | C | Issue No. | 27 |
| LM End | 0.83 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.700306 ° | 37.700306 ° |
| | | | | -121.272989 ° | -121.272989 ° |
| DWR ID | DWR_RD2064_01_f_2018_27 | | | | |
| Comment Code | | | | | |
| S1 : Repair slope instability. | | | | | |
| Inspector Comment | | | | | |
| Slope insatability has been repaired. | | | | | |

No Photos

| | | | | | |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.65 | Rating ** | A/W | Issue No. | 42 |
| LM End | 1.65 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.690072 ° | 37.690072 ° |
| | | | | -121.269823 ° | -121.269823 ° |
| DWR ID | 20514 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:18748 | | | | | |
| DS_ID:20514 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: No Action Needed | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: | | | | | |
| FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box drainage culvert through the levee, 15 feet below the crown. Slide gate in a concrete riser on the waterside (WS) shoulder. Concrete U-shaped headwalls on both ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 1.65)]. | | | | | |
| FS Date: 8/27/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_18748_31380.jpg



Concrete headwall on LS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.65 | Rating ** | A/W | Issue No. | 42 (cont) |
| LM End | 1.65 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.690072 ° | 37.690072 ° |
| | | | | -121.269823 ° | -121.269823 ° |
| DWR ID | 20514 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:18748 DS_ID:20514 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box drainage culvert through the levee, 15 feet below the crown. Slide gate in a concrete riser on the waterside (WS) shoulder. Concrete U-shaped headwalls on both ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 1.65)]. FS Date: 8/27/2013 | | | | | |

Photo 2 of 3 : UCIP_SP_2019_18748_31379.jpg



Slide gate in concrete vault on WS shoulder.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 1.65 | Rating ** | A/W | Issue No. | 42 (cont) |
| LM End | 1.65 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_SP_2019_18748_31378.jpg



Flap gate on WS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

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|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.94 | Rating ** | M | Issue No. | 43 |
| LM End | 1.94 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.689900 ° | 37.689900 ° |
| | | | | -121.264802 ° | -121.264802 ° |
| DWR ID | 20515 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:18763 DS_ID:20515 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Culvert filled nearly to the top with soil. FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box drainage culvert through the levee, 14.7 feet below the crown. Slide gate in a concrete riser on the waterside (WS) slope. Concrete U-shaped headwalls on both ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 1.93)]. FS Date: 8/27/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_18763_31402.jpg



Slide gate in Concrete riser on WS shoulder.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.94 | Rating ** | M | Issue No. | 43 (cont) |
| LM End | 1.94 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_SP_2019_18763_31401.jpg



Concrete U-shaped headwall on LS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

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|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | | |
|--|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 1.94 | Rating ** | M | Issue No. | 43 (cont) | |
| LM End | 1.94 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.689900 ° | 37.689900 ° | |
| | | | | -121.264802 ° | -121.264802 ° | |
| DWR ID | 20515 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:18763 | | | | | | |
| DS_ID:20515 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Culvert filled nearly to the top with soil. | | | | | | |
| FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box drainage culvert through the levee, 14.7 feet below the crown. Slide gate in a concrete riser on the waterside (WS) slope. Concrete U-shaped headwalls on both ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 1.93)]. | | | | | | |
| FS Date: 8/27/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_18763_31400.jpg



Concrete U-shaped headwall on LS toe.

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.10 | Rating ** | A/W | Issue No. | 29 |
| LM End | 2.10 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.689089 ° | 37.689089 ° |
| | | | | -121.262097 ° | -121.262097 ° |
| DWR ID | DWR_RD2064_01_f_2018_29 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Monitor rodent activity, as recent rains may have masked the issue. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.14 | Rating ** | M | Issue No. | 31 |
| LM End | 2.14 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.688714 ° | 37.688714 ° |
| | | | | -121.261480 ° | -121.261480 ° |
| DWR ID | DWR_RD2064_01_f_2018_31 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Old rodent holes need to be backfilled. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_313_31_20190313_00012.jpg



View of animal holes on levee slope. Fall 2018

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.30 | Rating ** | A/W | Issue No. | 32 |
| LM End | 2.30 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.688117 ° | 37.688117 ° |
| | | | | -121.258940 ° | -121.258940 ° |
| DWR ID | DWR_RD2064_01_f_2018_32 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 3.26 | Rating ** | A/W | Issue No. | 22 |
| LM End | 3.39 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2017 Storm Damage | | | 37.679100 ° | 37.677800 ° |
| | | | | -121.262600 ° | -121.264400 ° |
| DWR ID | DWR_RD2064_01_f_2017_22 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Levee Evaluation Comments | | | | | |
| Description:Erosion from high water flows caused erosion scarps from 12" to 30" in height. The area of damage is approximately 400 feet in length. | | | | | |
| Site ID No:582 | | | | | |
| Site Designation:LMA-488 | | | | | |
| Repair Type: Erosion | | | | | |
| Rating:Serious | | | | | |
| Field Date:8/14/2017 | | | | | |
| Notes: | | | | | |

Photo 1 of 3 : SP_2019_RD2064_313_22_20190313_00003.jpg



Photo 2 of 3 : SP_2019_RD2064_313_22_20190313_00004.jpg



| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 3.26 | Rating ** | A/W | Issue No. | 22 (cont) |
| LM End | 3.39 | Issue Type + | Ma | Location * | |

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|--------------|
| LM Start | 3.26 | Rating ** | A/W | Issue No. | 22 (cont) |
| LM End | 3.39 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2017 Storm Damage | | | 37.679100° | 37.677800° |
| | | | | -121.262600° | -121.264400° |
| DWR ID | DWR_RD2064_01_f_2017_22 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Levee Evaluation Comments | | | | | |
| Description:Erosion from high water flows caused erosion scarps from 12" to 30" in height. The area of damage is approximately 400 feet in length. | | | | | |
| Site ID No:582 | | | | | |
| Site Designation:LMA-488 | | | | | |
| Repair Type: Erosion | | | | | |
| Rating:Serious | | | | | |
| Field Date:8/14/2017 | | | | | |
| Notes: | | | | | |

Photo 3 of 3 : SP_2019_RD2064_313_22_20190313_00005.jpg



| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.31 | Rating ** | M | Issue No. | 10 |
| LM End | 3.45 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.678708 ° | 37.676786 ° |
| | | | | -121.263415 ° | -121.264207 ° |
| DWR ID | DWR_RD2064_01_f_2017_10 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Rodent control program has largely mitigated the problem, but should continue. In addition to the active baiting program, LMA needs to backfill rodent holes. | | | | | |

Photo 1 of 2 : SP_2019_RD2064_313_10_20190313_00001.jpg



View of animal holes on levee slope. Fall 2018

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.31 | Rating ** | M | Issue No. | 10 (cont) | |
| LM End | 3.45 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | Animal Control | | | 37.678708 ° | 37.676786 ° | |
| | | | | -121.263415 ° | -121.264207 ° | |
| DWR ID | DWR_RD2064_01_f_2017_10 | | | | | |
| Comment Code | | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | | |
| Inspector Comment | | | | | | |
| Rodent control program has largely mitigated the problem, but should continue. In addition to the active baiting program, LMA needs to backfill rodent holes. | | | | | | |

Photo 2 of 2 : SP_2019_RD2064_313_10_20190313_00002.jpg



View of former landside rodent area and slash pile in distance. Fall 2017

| | | | | | |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.57 | Rating ** | M | Issue No. | 48 |
| LM End | 3.57 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.675266 ° | 37.675266 ° |
| | | | | -121.263421 ° | -121.263421 ° |
| DWR ID | 20525 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22732 DS_ID:20525 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if pipe was actually removed from levee. FIELD_STRUCT_DESC: 12-inch steel drainage pipe through the levee, at an unknown depth. Steel plate welded over the landside (LS) end at the LS toe. (Permit No. 6450, 1969 - Reclamation District No. 2064, states it was removed in 1973, but it remains visible on the LS toe). [Additional Reference(s): USACE San Joaquin O&M Manual 3, December 1968, (HLM 3.55)]. FS Date: 8/27/2013 | | | | | |

Photo 1 of 2 : UCIP_SP_2019_22732_38465.jpg



Pipe visible on LS toe.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 3.57 | Rating ** | M | Issue No. | 48 (cont) | |
| LM End | 3.57 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.675266 ° | 37.675266 ° | |
| | | | | -121.263421 ° | -121.263421 ° | |
| DWR ID | 20525 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22732 | | | | | | |
| DS_ID:20525 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Need to determine if pipe was actually removed from levee. | | | | | | |
| FIELD_STRUCT_DESC: 12-inch steel drainage pipe through the levee, at an unknown depth. Steel plate welded over the landside (LS) end at the LS toe. (Permit No. 6450, 1969 - Reclamation District No. 2064, states it was removed in 1973, but it remains visible on the LS toe). [Additional Reference(s): USACE San Joaquin O&M Manual 3, December 1968, (HLM 3.55)]. | | | | | | |
| FS Date: 8/27/2013 | | | | | | |

Photo 2 of 2 : UCIP_SP_2019_22732_38464.jpg



Pipe with welded steel plate over LS end at LS toe.

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.05 | Rating ** | A/W | Issue No. | 33 |
| LM End | 4.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.672024 ° | 37.672024 ° |
| | | | | -121.256289 ° | -121.256289 ° |
| DWR ID | DWR_RD2064_01_f_2018_33 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.82 | Rating ** | A/W | Issue No. | 26 |
| LM End | 4.85 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2017 Storm Damage | | | 37.671730 ° | 37.672140 ° |
| | | | | -121.246820 ° | -121.246800 ° |
| DWR ID | DWR_RD2064_01_f_2017_26 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Levee Evaluation Comments | | | | | |
| Description:Erosion from high water flows caused erosion scarps from 12" to 24" in height. The area of damage is approximately 600 feet in length. | | | | | |
| Site ID No:583 | | | | | |
| Site Designation:LMA-489 | | | | | |
| Repair Type: Erosion | | | | | |
| Rating:Area of Concern | | | | | |
| Field Date:8/14/2017 | | | | | |
| Notes: Minor toe erosion | | | | | |

Photo 1 of 3 : SP_2019_RD2064_313_26_20190313_00009.jpg



Photo 2 of 3 : SP_2019_RD2064_313_26_20190313_00010.jpg



| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.82 | Rating ** | A/W | Issue No. | 26 (cont) |
| LM End | 4.85 | Issue Type + | Ma | Location * | |

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 5.56 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.82 | Rating ** | A/W | Issue No. | 26 (cont) |
| LM End | 4.85 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2017 Storm Damage | | | 37.671730 ° | 37.672140 ° |
| | | | | -121.246820 ° | -121.246800 ° |
| DWR ID | DWR_RD2064_01_f_2017_26 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Levee Evaluation Comments | | | | | |
| Description:Erosion from high water flows caused erosion scarps from 12" to 24" in height. The area of damage is approximately 600 feet in length. | | | | | |
| Site ID No:583 | | | | | |
| Site Designation:LMA-489 | | | | | |
| Repair Type: Erosion | | | | | |
| Rating:Area of Concern | | | | | |
| Field Date:8/14/2017 | | | | | |
| Notes: Minor toe erosion | | | | | |

Photo 3 of 3 : SP_2019_RD2064_313_26_20190313_00011.jpg



| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 19 |
| LM End | 5.79 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.667052 ° | 37.702842 ° |
| | | | | -121.240932 ° | -121.181945 ° |
| DWR ID | DWR_RD2064_02_s_2019_19 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_314_19_20190514_00053.jpg



Typical view of vegetation on landside slope. (Spring 2019)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 21 |
| LM End | 5.79 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.667052 ° | 37.702842 ° |
| | | | | -121.240932 ° | -121.181945 ° |
| DWR ID | DWR_RD2064_02_s_2019_21 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_314_21_20190514_00052.jpg



Typical view of vegetation on waterside slope. (Spring 2019)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.05 | Rating ** | M | Issue No. | 22 |
| LM End | 0.05 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.666892 ° | 37.666892 ° |
| | | | | -121.240202 ° | -121.240202 ° |
| DWR ID | DWR_RD2064_02_s_2019_22 | | | | |
| Comment Code | | | | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.31 | Rating ** | A/W | Issue No. | 24 |
| LM End | 0.31 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.664777 ° | 37.664777 ° |
| | | | | -121.236906 ° | -121.236906 ° |
| DWR ID | DWR_RD2064_02_f_2018_24 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | | |
|--|-------------------------|--------------|----|------------------------|----|---------------|
| LM Start | 0.52 | Rating ** | C | Issue No. | 25 | |
| LM End | 0.54 | Issue Type + | Ma | Location * | LS | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Vegetation | | | 37.663559 ° | | 37.663468 ° |
| | | | | -121.233428 ° | | -121.232918 ° |
| DWR ID | DWR_RD2064_02_f_2018_25 | | | | | |
| Comment Code | | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | | |
| Inspector Comment | | | | | | |
| | | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

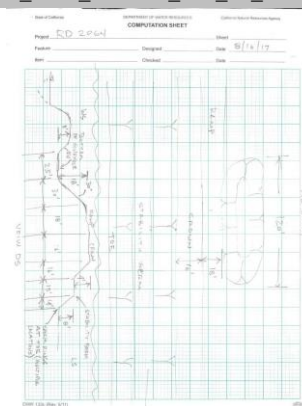
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.71 | Rating ** | A/W | Issue No. | 20 |
| LM End | 0.71 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | 2017 Storm Damage | | 37.664200 ° | 37.664200 ° | |
| | | | -121.230420 ° | -121.230420 ° | |
| DWR ID | DWR_RD2064_02_f_2017_20 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| Levee Evaluation Comments Description: POI is a waterside sinkhole with an existing seepage berm on the landside. This site was flood fought in 2017 with sack rings. Site ID No: 584 Site Designation: LMA-490 Repair Type: Stability Rating: Area of Concern Field Date: 8/16/2017 Notes: POI is a waterside sinkhole | | | | | |

Photo 1 of 1 : SP_2019_RD2064_314_20_20190313_00002.jpg



| | | | | | |
|--------------------------------|-------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.97 | Rating ** | M | Issue No. | 27 |
| LM End | 0.97 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Slope Stability | | 37.667675 ° | 37.667675 ° | |
| | | | -121.229944 ° | -121.229944 ° | |
| DWR ID | DWR_RD2064_02_f_2018_27 | | | | |
| Comment Code | | | | | |
| S1 : Repair slope instability. | | | | | |
| Inspector Comment | | | | | |
| Repair slope damage. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.05 | Rating ** | M | Issue No. | 28 |
| LM End | 1.07 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.668788 ° | 37.669144 ° |
| | | | | -121.229731 ° | -121.229501 ° |
| DWR ID | DWR_RD2064_02_f _ 2018_28 | | | | |
| Comment Code | | | | | |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| Slope damage caused by vehicular traffic needs to be repaired. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_314_28_20190313_00005.jpg



View of slope damage from vehicular traffic. Fall 2018

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.11 | Rating ** | M | Issue No. | 29 |
| LM End | 1.11 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.669488 ° | 37.669488 ° |
| | | | | -121.229082 ° | -121.229082 ° |
| DWR ID | DWR_RD2064_02_f _ 2018_29 | | | | |
| Comment Code | | | | | |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| Slope damage caused by vehicular traffic needs to be repaired. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.14 | Rating ** | A/W | Issue No. | 30 |
| LM End | 1.14 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.669871 ° | 37.669871 ° |
| | | | | -121.228830 ° | -121.228830 ° |
| DWR ID | DWR_RD2064_02_f_2018_30 | | | | |
| Comment Code | | | | | |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| Monitor slope damage from vehicles. LMA created a berm to prevent vehicles from driving onto the levee slope. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.98 | Rating ** | C | Issue No. | 32 |
| LM End | 2.01 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.676687 ° | 37.677039 ° |
| | | | | -121.223223 ° | -121.223271 ° |
| DWR ID | DWR_RD2064_02_f_2018_32 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.51 | Rating ** | A/W | Issue No. | 33 |
| LM End | 2.51 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 37.683919 ° | 37.683919 ° |
| | | | | -121.223832 ° | -121.223832 ° |
| DWR ID | DWR_RD2064_02_f_2018_33 | | | | |
| Comment Code | | | | | |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| Monitor vehicle traffic on the levee slope. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_314_33_20190313_00007.jpg



View of slope damage near ditch caused by vehicular traffic. Fall 2018

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.77 | Rating ** | U | Issue No. | 37 |
| LM End | 2.77 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.685138 ° | 37.685138 ° |
| | | | | -121.220125 ° | -121.220125 ° |
| DWR ID | DWR_RD2064_02_s_2019_37 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| There is a pruning pile on the waterside shoulder. | | | | | |

Photo 1 of 1 : SP_2019_RD2064_314_37_20190514_00055.jpg



View of pruning pile on waterside shoulder obstructing visibility. (Spring 2019)

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.90 | Rating ** | C | Issue No. | 35 |
| LM End | 2.90 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.686368 ° | 37.686368 ° |
| | | | | -121.218494 ° | -121.218494 ° |
| DWR ID | DWR_RD2064_02_f_2018_35 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.41 | Rating ** | M | Issue No. | 40 |
| LM End | 3.41 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.686735 ° | 37.686735 ° |
| | | | | -121.211395 ° | -121.211395 ° |
| DWR ID | DWR_RD2064_02_s_2019_40 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.41 | Rating ** | A/W | Issue No. | 47 |
| LM End | 4.41 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.696386 ° | 37.696386 ° |
| | | | | -121.202963 ° | -121.202963 ° |
| DWR ID | 20549 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:19117 DS_ID:20549 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch drainage pipe of an unknown material through the levee, 10.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.37)]. FS Date: 8/28/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_19117_32069.jpg



Headwall on LS toe.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.41 | Rating ** | A/W | Issue No. | 47 (cont) |
| LM End | 4.41 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_SP_2019_19117_32068.jpg



Headwall on WS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

Reclamation District No. 2064 River Junction

Concrete headwall on WS toe.

Page 8 of 15

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | | |
|---|-----------------------------|--------------|-----|------------------------|---------------|--|
| LM Start | 4.51 | Rating ** | A/W | Issue No. | 48 (cont) | |
| LM End | 4.51 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.696892 ° | 37.696892 ° | |
| | | | | -121.201228 ° | -121.201228 ° | |
| DWR ID | 20550 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22793 DS_ID:20550 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwalls on both ends, and a flap gate on the waterside (WS) end. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.47)]. FS Date: 8/28/2013 | | | | | | |

Photo 2 of 3 : UCIP_SP_2019_22793_38841.jpg



Concrete headwall on LS toe.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.51 | Rating ** | A/W | Issue No. | 48 (cont) |
| LM End | 4.51 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_SP_2019_22793_38844.jpg



Concrete headwall on LS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | | |
|--|-----------------------------|--------------|-----|------------------------|----|---------------|
| LM Start | 4.64 | Rating ** | A/W | Issue No. | 49 | |
| LM End | 4.64 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP LMA Responsibility | | | 37.697101 ° | | 37.697101 ° |
| | | | | -121.199048 ° | | -121.199048 ° |
| DWR ID | 20551 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:19120 DS_ID:20551 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. Spillway damaged due to uprooted tree. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.59)]. FS Date: 8/28/2013 | | | | | | |

Photo 1 of 3 : UCIP_SP_2019_19120_32079.jpg



Concrete headwall on LS toe.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.64 | Rating ** | A/W | Issue No. | 49 (cont) |
| LM End | 4.64 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_SP_2019_19120_32078.jpg



Concrete headwall on WS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|--|
| LM Start | 4.64 | Rating ** | A/W | Issue No. | 49 (cont) | |
| LM End | 4.64 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.697101 ° | 37.697101 ° | |
| | | | | -121.199048 ° | -121.199048 ° | |
| DWR ID | 20551 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:19120 DS_ID:20551 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. Spillway damaged due to uprooted tree. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.59)]. FS Date: 8/28/2013 | | | | | | |

Photo 3 of 3 : UCIP_SP_2019_19120_32077.jpg



Concrete headwall on LS toe.

| | | | | | |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.78 | Rating ** | A/W | Issue No. | 50 |
| LM End | 4.78 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.696888 ° | 37.696888 ° |
| | | | | -121.196511 ° | -121.196511 ° |
| DWR ID | 20552 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:19122 | | | | | |
| DS_ID:20552 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: No Action Needed | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: | | | | | |
| FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.73)]. | | | | | |
| FS Date: 8/28/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_19122_32083.jpg



Concrete headwall on LS toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.78 | Rating ** | A/W | Issue No. | 50 (cont) |
| LM End | 4.78 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.696888 ° | 37.696888 ° |
| | | | | -121.196511 ° | -121.196511 ° |
| DWR ID | 20552 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:19122 DS_ID:20552 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.73)]. FS Date: 8/28/2013 | | | | | |

Photo 2 of 3 : UCIP_SP_2019_19122_32082.jpg



Concrete headwall on WS toe.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.78 | Rating ** | A/W | Issue No. | 50 (cont) |
| LM End | 4.78 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_SP_2019_19122_32081.jpg



Concrete headwall on LS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.92 | Rating ** | A/W | Issue No. | 53 |
| LM End | 4.92 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.696146 ° | 37.696146 ° |
| | | | | -121.194093 ° | -121.194093 ° |
| DWR ID | 20553 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:19143 DS_ID:20553 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 4.88)]. FS Date: 8/28/2013 | | | | | |

Photo 1 of 3 : UCIP_SP_2019_19143_32122.jpg



Concrete headwall on LS toe.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 4.92 | Rating ** | A/W | Issue No. | 53 (cont) |
| LM End | 4.92 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_SP_2019_19143_32121.jpg



Concrete headwall on WS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

Reclamation District No. 2064 River Junction



| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 2064 River Junction

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 02 Stanislaus River | Right | 6.08 | 04/29/2019 04/29/2019 | Alberto De Leon |

| | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 5.10 | Rating ** | A/W | Issue No. | 54 (cont) |
| LM End | 5.10 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.697483 ° | 37.697483 ° |
| | | | | -121.191332 ° | -121.191332 ° |
| DWR ID | 20554 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22794 DS_ID:20554 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Two corrugated metal cutoff walls. Grouted spillway on the WS. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 5.05)]. FS Date: 8/28/2013 | | | | | |

Photo 2 of 3 : UCIP_SP_2019_22794_38850.jpg



Concrete headwall on LS toe.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 5.10 | Rating ** | A/W | Issue No. | 54 (cont) |
| LM End | 5.10 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_SP_2019_22794_38853.jpg



Concrete headwall on LS toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|